

DATA SHARING IN A PROCESS PLANT

ABSTRACT

A process plant uses an asset utilization expert to collect data or information pertaining to the assets of the process plant from various sources or functional areas of the plant including, for example, the process control functional areas, the maintenance functional areas and the business systems functional areas. This data and information is stored in a database and is sent to and manipulated in a coordinated manner by tools, such as optimization and modeling tools. This data is also redistributed to other areas or tools where it is used to perform overall better or more optimal control, maintenance and business activities. Information or data may be collected by maintenance functions pertaining to the health, variability, performance or utilization of a device, loop, unit, etc. and this information may then be sent to and displayed to a process operator or maintenance person to inform that person of a current or future problem.